Board Level

30010714

Talitor(Far East) Co., LTD.

4CH Anti-Vibration DVR Board with GPS Features

Features

- ✓ 4-ch input externally and 1-ch input internally swappable as channel 1
- ✓ Total frame up to 60fps (NTSC)/ 50fps (PAL) selectable
- ✓ Hi-resolution recording at D1 for each channel
- ✓ GPS speed function (Needs GPS mouse)
- ✓ Built-in temperature control design (Configurable to power up heater)
- ✓ Engine ignition for power on and power off the system
- ✓ Power on delay for HDD protection and power off delay configurable
- ✓ Anti-vibration design for SD card and SATA HDD storage
- ✓ Rigorous components and 32G SD storage to fit vibration environment
- ✓ Single cable design for powering camera, video, & audio making installation easier, expenses lesser yet tidy and neat
- ✓ Wide range working voltage from DC12V~30V and supply DC12V for cameras
- ✓ Power surge protection up to 40VDC
- ✓ Backup: USB drive/ SD card / Software via PC
- ✓ Motion detection/ schedule / trigger / SD card overwrite
- ✓ User friendly software for 4ch playback simultaneously by versatile bundled software

Software

- ■Unique DVR software to ensure information safety
- ■4CH playback simultaneously or selected channel playback
- ■File quick search
- ■Double click the selected recording file to playback
- ■Format SD card easily
- ■Backup format selectable: DVR /AVI /JPG
- ■Right click the mouse cursor to zoom in & again to get back to the original status
- ■Manage user authority level
- ■Snapshot saved as JPEG picture

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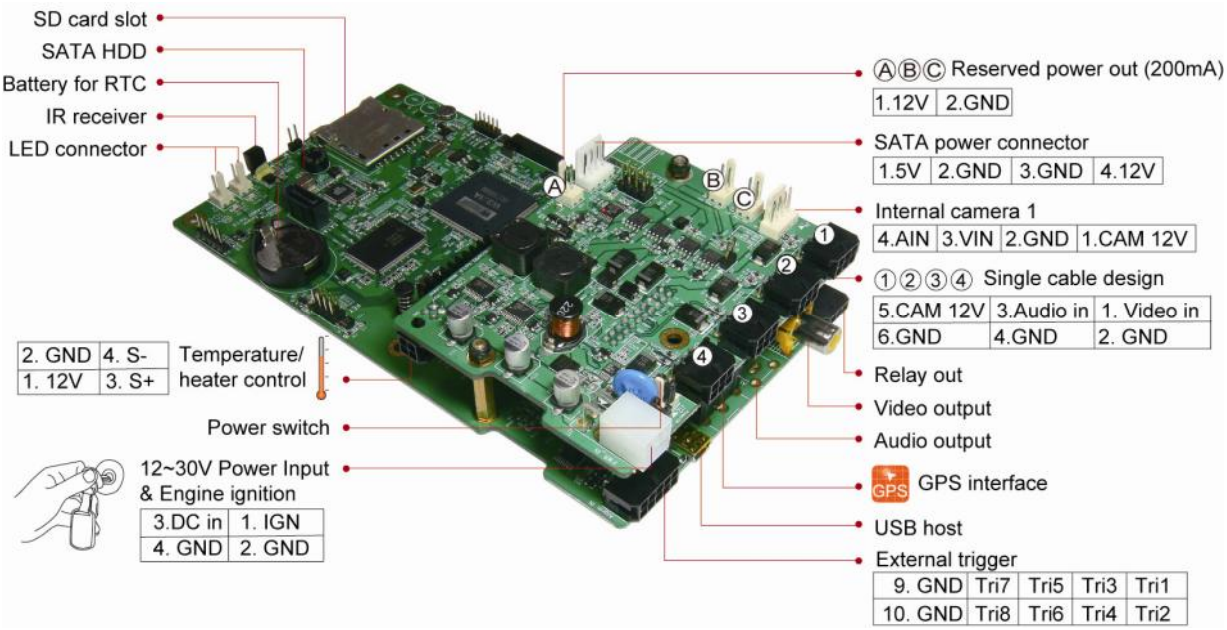
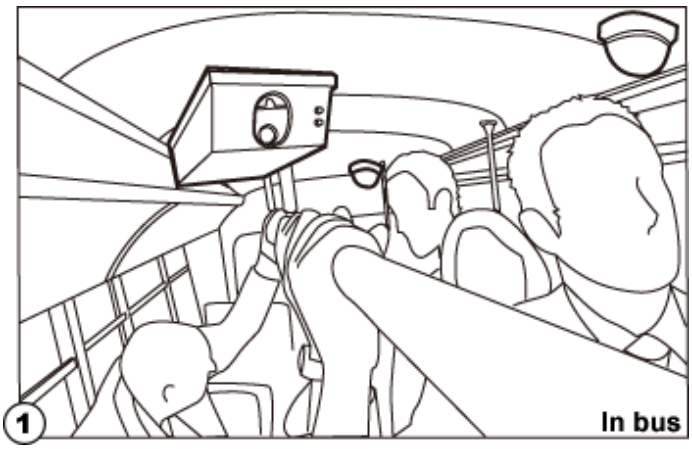

SD card slot
SATA HDD
Battery for RTC
IR receiver
LED connector
ⒶⒷⒸ Reserved power out (200mA)
1.12V | 2.GND
SATA power connector
1.5V | 2.GND | 3.GND | 4.12V
Internal camera 1
4.AIN | 3.VIN | 2.GND | 1.CAM 12V
①②③④ Single cable design
5.CAM 12V | 3.Audio in | 1. Video in
6.GND | 4.GND | 2. GND
2. GND | 4. S-
1. 12V | 3. S+
Temperature/ heater control
Relay out
Video output
Audio output
Power switch
GPS interface
12~30V Power Input & Engine ignition
3.DC in | 1. IGN
4. GND | 2. GND
USB host
External trigger
9. GND | Tri7 | Tri5 | Tri3 | Tri1
10. GND | Tri8 | Tri6 | Tri4 | Tri2

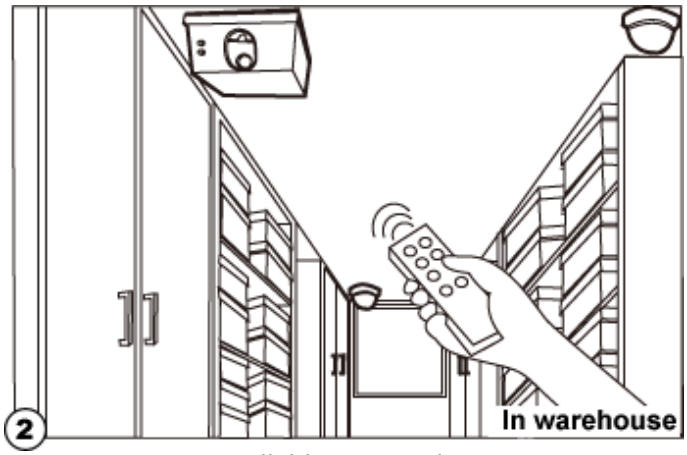
Specification

Video Compression	MPEG-4 Like / Enhanced JPEG
Video System	NTSC/PAL (Auto detect)
Video Resolution	720x480 (NTSC) / 720x576 (PAL)
Frame Rate Per Second	Up to total 60 fps (NTSC) / 50 fps (PAL) selectable
Video Recording Mode	Schedule continuous, schedule motion, schedule trigger
Video Recording	4 input, 1 output, 3 Level Quality adjustable
Audio Recording	4 input, 1 output
Alarm Input	8 sets external trigger interface
Relay Output	1 Relay output
Motion Record	192 grids and sensitivity can be select
Event Recording	Post-event: 5 seconds; Pre-event: 2 seconds
Time/Date Stamp	Yes, format and position adjustable
RTC Battery	Lasts for 3 months w/o power supply
Power Supply	12~30VDC
Power Output	12V 300mA * 4 for cameras / 12V 200mA * 3 reserved
Storage Media	SD (support SDHC) up to 32GB and 2.5 ” SATA HDD up to 500GB
Control	IR remote control
GPS	Yes, RS232
Current Consumption	4.8W for the main board & GPS module (excluded cameras or other devices)
Firmware Upgradeable	Yes, through SD card or USB drive
Backup	USB drive backup, SATA HDD to SD card backup, or software backup on PC
Operating Temperature	-30~+70℃ (with temperature control)
Dimensions	180x100mm (main board) + 76x100mm (power board)
Playback Recording	Via device itself or bundled software on computer
Computer Requirement	Dual core CPU computer with 1GB memory or above

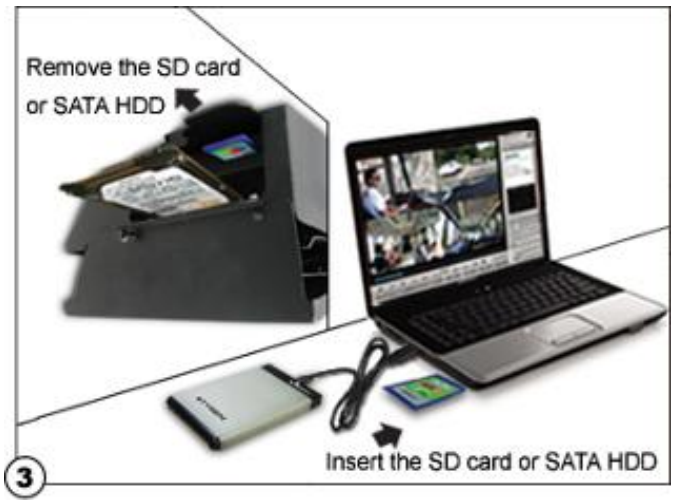
How to use



a. Connect DVR with cameras. (4-ch input externally and 1-ch input internally swab-able as channel 1)
b. Insert your high capacity SD card or SATA HDD.

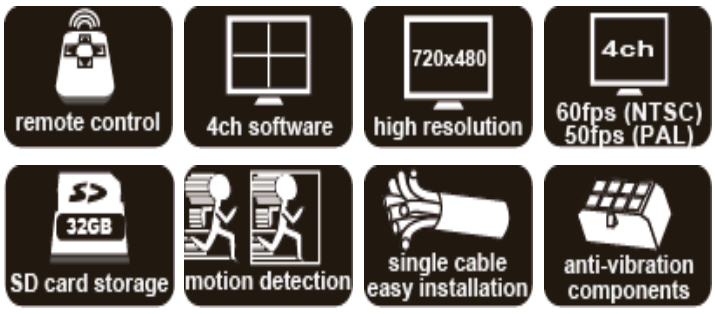


a. Remote controllable DVR and OSD.
b. Record onto removable high capacity SD card or SATA HDD.



a. Remove the SD card or SATA HDD and insert into any computer to playback video.

a. 4ch playback simultaneously. b. File quick search
c. Easy Backup d. Manage user authority level



Package Contains

Main unit x 1

Cable accessories x 1

Remote control x1

CD-ROM (including user Manual, bundled software) x 1